

SHREEM ELECTRIC LTD., INDIA

TECHNICAL DATA SHEET FOR CAPACITORS FOR 6.3 KV & 10.5 KV, 3 PHASE CAPACITORS

1	Name of the Manufacturer	Shreem Electric Ltd., (India)					
2	Type	FC-150-6.3-3Ph-IF	FC-300-6.3-3Ph-IF	FC-450-6.3-3Ph-IF	FC-150-10.5-3Ph-EF	FC-300-10.5-3Ph-EF	FC-450-10.5-3Ph-EF
3	Standard	IEC 60871-1/2014					
	Capacitor Unit						
1	Rated output of Unit KVAR	150	300	450	150	300	450
2	Rated voltage of unit Volts	6.3	6.3	6.3	10.5	10.5	10.5
3	Capacitance in microfarad (Line to Line)	6.01	12.03	18.04	2.17	4.33	6.5
4	No. of Phases	3 Phase, Internal STAR connected					
5	Rated frequency Hz	50	50	50	50	50	50
6	Rated current in Amps (Line current)	13.75	27.49	41.24	8.25	16.5	24.74
7	Impregnant	Non PCB, Non Toxic Oil					
8	Protection for Capacitor Unit	Internal Element Fuse			External fuse (Not in our scope)		
9	Dielectric medium	Hazy All Polypropylene Film					
10	Watt loss per KVAR (including losses of discharge device & InternalFuse)	< 0.20 Watts / KVAR					
11	Basic Insulation Level						
	a) Power frequency test voltage KV (rms)	38	38	38	38	38	38
	b) Impulse test vottage KV (peak)	95	95	95	95	95	95
12	Material of case (Container)	1.5 mm, Stainless Steel Sheet, 409 type					
13	Residual Voltage	Less than 75 Volts					
14	Discharge time	Less than 10 minutes					
15	Time gap between energization & de-energization	10 minutes					
16	Tolerance on microfarad value	- 5% to + 10 %					
17	Approx. dimensions in mm	Dawings shall be provided in event of order					
18	No. of bushings per unit	3 Nos., Porcelain					
19	Color	ANSI 70, Gray					
20	Creepage distance of bushing in mm	380	380	380	380	380	380
21	Temperature category	- 20°C/D					
22	Testing	All routines tests as per IEC 60871-1 with test between terminals at 4 times rated vottage DC					

Signature

